

Title (en)

Cathode for sodium-metal halide battery, battery comprising the same, methods for preparing the same and use thereof

Title (de)

Kathode für eine Natrium-Metallhalogenidbatterie, Batterie darmit, Herstellungsverfahren und Verwendung dafür

Title (fr)

Cathode pour batterie d'halogénure sodium-métal, batterie la comprenant, procédés de préparation et leur utilisation

Publication

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Application

**EP 12177689 A 20120724**

Priority

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Abstract (en)

The present invention relates to a cathode for a sodium-metal halide battery, a battery comprising the same, methods for preparing the same and use thereof. A metal microwire is added into the cathode. The metal microwire builds a secondary grid other than a cathode grid, and thus improves the cathode conductivity and the stability of its conductive network, thereby decreasing internal resistance of the battery and improving discharge power of the battery.

IPC 8 full level

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Citation (applicant)

E.J. GARBOCZI; K.A. SNYDER; J. F. DOUGLAS: "Geometrical percolation threshold of overlapping ellipsoids", PHYSICAL REVIEW E, vol. 52, no. 1

Citation (search report)

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BA ME

DOCDB simple family (publication)

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